

DERWENT-ACC-NO: 1971-46683S

DERWENT-WEEK: 197128

COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: Dielectric ceramic material

PATENT-ASSIGNEE: MATSUSHITA ELEC IND CO LTD [MATU]

PRIORITY-DATA: 1967DE-M072381 (January 10, 1967)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

DE 1646724 B

000

N/A

JULY 8, 1971

N/A

INT-CL (IPC): C04B000/00, H03H000/00

ABSTRACTED-PUB-NO: DE 1646724B

BASIC-ABSTRACT:

Burnt dielectric material consists of (in mole %) CaO 14.1-39.2, SiO₂ 14.1-39.2, PbO 0.3-10.8, and TiO₂ (pref. anatase) 23.0 - 71.4. Alternatively the material is produced from (in mole %): CaSiO₃ 16.5-64.5, PbO 0.5-12.5 and TiO₂ 35-82. The material has a high dielectric constant with a high positive temp. coefficient, the dielectric is small.

DERWENT-CLASS: L03 U25

CPI-CODES: L02-G05;